## INTERNATIONAL SEARCH REPORT

Application No PCT/DE 02/00567

A CLASSIFICATION OF SUBJECT MATTER IPC 7 E04G1/15 E04G7/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 E04G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

| C. DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |  |
|--|--|-----------------------|--|
| Category *                             | Citation of document, with indication, where appropriate, of the relevant passages                           | Relevant to claim No. |  |
| A                                      | CH 406 603 A (WILHELM LAYHER FA)<br>31 January 1966 (1966-01-31)<br>page 2, line 11 - line 40; figures 4,5   | 1-23                  |  |
| A                                      | DE 200 05 629 U (KRAUSE WERK GMBH & CO KG)<br>29 June 2000 (2000-06-29)<br>detail 7<br>abstract; figures 1,2 | 1-23                  |  |
| A                                      | US 2 857 026 A (JONES ADDIS T)<br>21 October 1958 (1958-10-21)<br>figure 3                                   | 1-23                  |  |
| A                                      | US 3 266 208 A (FARNHAM MAGGS WILLIAM ET<br>AL) 16 August 1966 (1966-08-16)<br>figure 4                      | 1-23                  |  |
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| Further documents are listed in the continuation of box C.   | X Patent family members are listed in annex.  |
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| "Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filling date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document reterring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filling date but later than the priority date claimed | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "8" document member of the same patent family |
| Date of the actual completion of the international search  9 July 2002   | Date of mailing of the international search report  2 2 07. 2002  |
| Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patenttaan 2  NL - 2280 HV Rijswijk  Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016  | Authorized officer  VI 1 ho Juvonen   |

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PCT/DE 02/00567

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| A              | US 4 111 579 A (KNIGHT STEPHEN VINCENT) 5 September 1978 (1978-09-05) abstract; figure 1 | 11. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1723                  |
| \              | US 4 452 337 A (ATZINGER LOUIS E)<br>5 June 1984 (1984-06-05)<br>abstract; figure 4      |   | 1-23                  |
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